

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of the claims in the present application.

Listing of Claims:

1. (Currently Amended) A device for waking up at least one targeted user of a bus system without waking up all of the users of the bus system, comprising:
 - a detection device for implementing a two-step wake-up procedure including a first step of detecting at least one predefined signal feature of a message transmitted on the bus system,
 - wherein the at least one predefined signal feature is assigned to the at least one targeted user, and
 - wherein the detection device initiates a further step of the wake-up procedure that includes identifying, as a function of a data pattern encoded within the message, the at least one targeted user as an intended target, the further step of the wake-up procedure being initiated only after a preselected number with respect to of occurrences of the at least one predefined signal feature of the message has been reached, and
 - wherein the preselected number with respect to of occurrences of the at least one predefined signal feature is greater than one.
2. (Canceled).
3. (Original) The device according to claim 1, wherein the at least one signal feature includes at least one of an edge and an edge change of a signal.
4. (Original) The device according to claim 1, wherein the at least one signal feature includes at least one of a signal level and a preselected combination of a plurality of signal levels.

5. (Currently Amended) A targeted user of a bus system, comprising:
a detection device for implementing a two-step wake-up procedure including a first step of detecting at least one predefined signal feature of a message transmitted on the bus system,
wherein the at least one predefined signal feature is assigned to the targeted user, whereby users of the bus system not associated with the at least one predefined signal feature do not detect the at least one predefined signal feature, and
wherein the detection device initiates a further step of the wake-up procedure that includes identifying, as a function of a data pattern encoded within the message, the targeted user as an intended target, the further step of the wake-up procedure being initiated only after a preselected number with respect to of occurrences of the at least one predefined signal feature of the message has been reached, and
wherein the preselected number with respect to of occurrences of the at least one predefined signal feature is greater than one.

6. (Canceled).

7. (Currently Amended) A method for waking up at least one targeted user of a bus system without waking up all of the users of the bus system, the method comprising:
performing a first step of a two-step wake-up procedure by detecting, by the at least one targeted user, at least one predefined signal feature of a message transmitted on the bus system, wherein the at least one predefined signal feature is assigned to the at least one targeted user; and
initiating a further step of the wake-up procedure that includes identifying, as a function of a data pattern encoded within the message, the at least one targeted user as an intended target, the further step of the wake-up procedure being initiated only after a preselected number with respect to of occurrences of the at least one predefined signal feature of the message has been reached,
wherein the preselected number with respect to of occurrences of the at least one predefined signal feature is greater than one.

8. (Previously Presented) The method according to claim 7, wherein the message is evaluated for a possible wake-up message once the at least one predefined signal feature is detected.

9. (Original) The method according to claim 7, further comprising determining a time duration when the signal feature occurs for a first time.

10. (Original) The method according to claim 7, wherein binary information results from a time duration following a first occurrence of the signal feature.
11. (Currently Amended) The method according to claim 7, further comprising:
retransmitting the message once the preselected number ~~with respect to of~~
occurrences of the at least one predefined signal feature of the message has been reached, and
determining therefrom which users or user groups are to be selectively awakened fully.
12. (Canceled).
13. (Currently Amended) A targeted user of a bus system, comprising:
a detection device for implementing a two-step wake-up procedure including a first
step of detecting at least one predefined signal feature of a message transmitted on the bus
system,
wherein the at least one predefined signal feature is assigned to the targeted user, and
wherein the detection device initiates a further step of the wake-up procedure that
includes identifying, as a function of a data pattern encoded within the message, the targeted
user as an intended target, the further step of the wake-up procedure being initiated only after
a preselected number ~~with respect to of~~occurrences of the at least one predefined signal
feature of the message has been reached, and
wherein the preselected number ~~with respect to of~~occurrences of the at least one
predefined signal feature is greater than one.